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ROUTING			
TO:	NAME AND ADDRESS	DATE	INITIALS
1			
2			
3			
4			
	ACTION	DIRECT REPLY	PREPARE REPLY
	APPROVAL	DISPATCH	RECOMMENDATION
	COMMENT	FILE	RETURN
	CONCURRENCE	INFORMATION	SIGNATURE
REMARKS:			
FROM: NAME, ADDRESS, AND PHONE NO.		DATE	

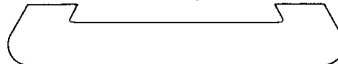
CONTROL NO. Z-11543/82NPIC/PEG (10/82)
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Intelligence Sources or Methods Involved

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(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTERPage 1 of 1Attachment to Z-11543/82
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**MODIFIED Y-CLASS SUBMARINE
SEVERODVINSK SHIPYARD 402, USSR**

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1. (SWN) SIGNIFICANCE: ADDITIONAL DETAILS OF THE MODIFIED Y-CLASS SUBMARINE IDENTIFIED HERE ON _____ ARE REVEALED.

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2. (SWN) REMARKS: THE NEWLY MODIFIED Y-CLASS SUBMARINE REMAINS ON LAUNCH RAIL A OF CONSTRUCTION HALL 1; HOWEVER SINCE _____ THE LAUNCH BASIN HAS BEEN PARTIALLY FLOODED AND PREPARATIONS FOR MOVING THE SUBMARINE OUT OF THE BASIN ARE UNDERWAY. REFINED MENSURATION OF THE SUBMARINE REVEALS TWO DISTINCT HULL SECTIONS HAVE BEEN INSERTED IN PLACE OF THE DISMANTLED MISSILE BAY. THEY ARE A RAISED FLAT-TOPPED HULL SECTION MEASURING APPROXIMATELY 27 BY 9 METERS, AND AN AFT SLOPING SECTION APPROXIMATELY 12 METERS LONG. THE DISTANCE BETWEEN THE AFTER EDGE OF THE FLAT-TOPPED HULL SECTION AND THE STERN IS APPROXIMATELY 83 METERS. THE DISTANCE FROM THE BOW TO THE FORWARD EDGE OF THE FLAT-TOPPED HULL SECTION (INCLUDING THE SAIL) IS APPROXIMATELY 37 METERS. THE OVERALL LENGTH OF THE SUBMARINE IS APPROXIMATELY 147 METERS. PRIOR TO PLACEMENT IN CONSTRUCTION HALL 1 FOR MODIFICATION, THE Y-CLASS SUBMARINE WAS APPROXIMATELY 108 METERS IN LENGTH. THE HEIGHT OF THE NEWLY INSERTED FLAT-TOPPED HULL SECTION CANNOT BE DETERMINED; HOWEVER, IT APPEARS TO BE HIGHER THAN THE MISSILE DECK ON A Y-CLASS NUCLEAR-POWERED BALLISTIC MISSILE SUBMARINE (SSBN) AND MAY BE AS HIGH AS THE MISSILE DECK ON A D-1 SSBN. THE FUNCTION OF THE NEWLY ADDED HULL SECTIONS IS STILL UNKNOWN; HOWEVER, IT COULD BE WEAPONS, SENSOR, OR COMMUNICATIONS, AS WELL AS BALLAST RELATED.

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3. _____ COORDINATES 64-34-39N 039-48-29E

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COMMENTS AND QUERIES REGARDING THIS BRIEFING BOARD MAY BE DIRECTED TO _____

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